

# **Sexually Transmitted Disease in Wisconsin**

**Wisconsin STD Surveillance Data  
*Cases diagnosed in 2005***



# Preface

## **Reportable STDs in the State of Wisconsin:**

- Chlamydia: Chlamydia trachomatis
- Syphilis: Treponema pallidum
- Herpes: Primary genital infections with Herpes Simplex Virus (HSV) Type 1 and / or 2
- Gonorrhea: Neisseria gonorrhoea
- Chancroid: Haemophilus ducreyi
- PID: Pelvic Inflammatory Disease

**In this analysis “reportable STDs” refer specifically to chlamydia, gonorrhea, syphilis and genital HSV infection.**



# Preface

**STD Surveillance data must be interpreted with caution:**

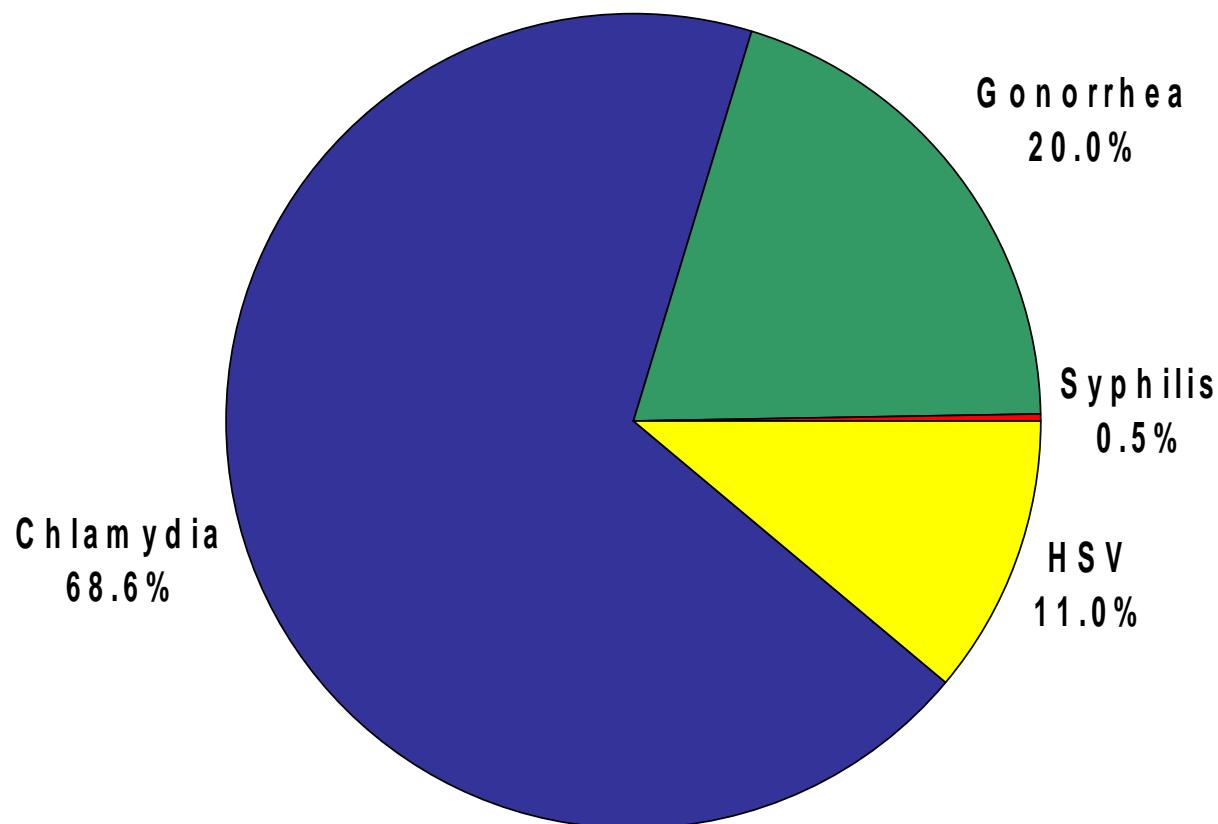
- Under-reporting
- Un-even reporting
- Incomplete data

**This analysis examines several factors that influence STD rates:**

- Sex
- Age
- Race
- Geography



## Reported STD cases, by disease Wisconsin, 2005

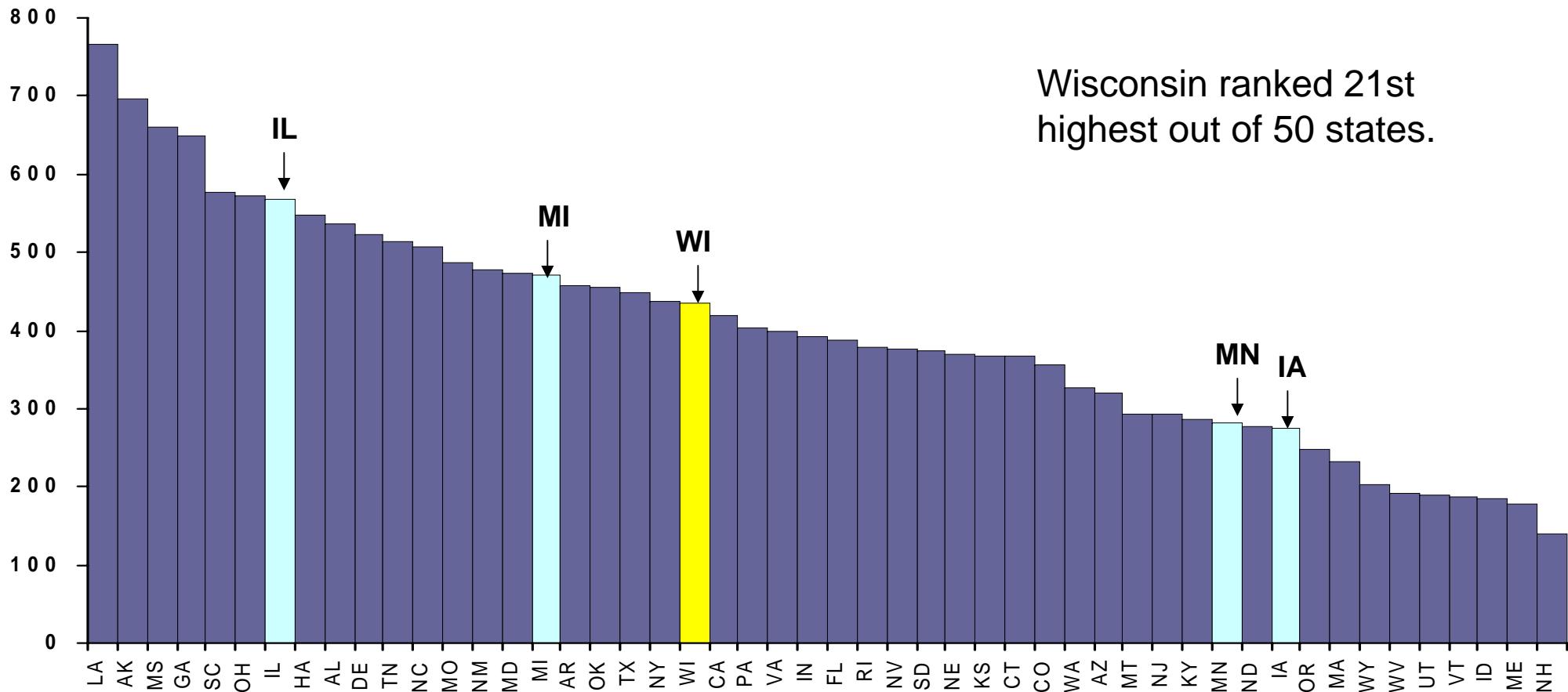


Disease	Cases	Rate*
Chlamydia	20,410	368
Gonorrhea	5,949	107
Syphilis	138	2
HSV	3,273	59
All STDs	29,770	537

\* Cases per 100,000 population.



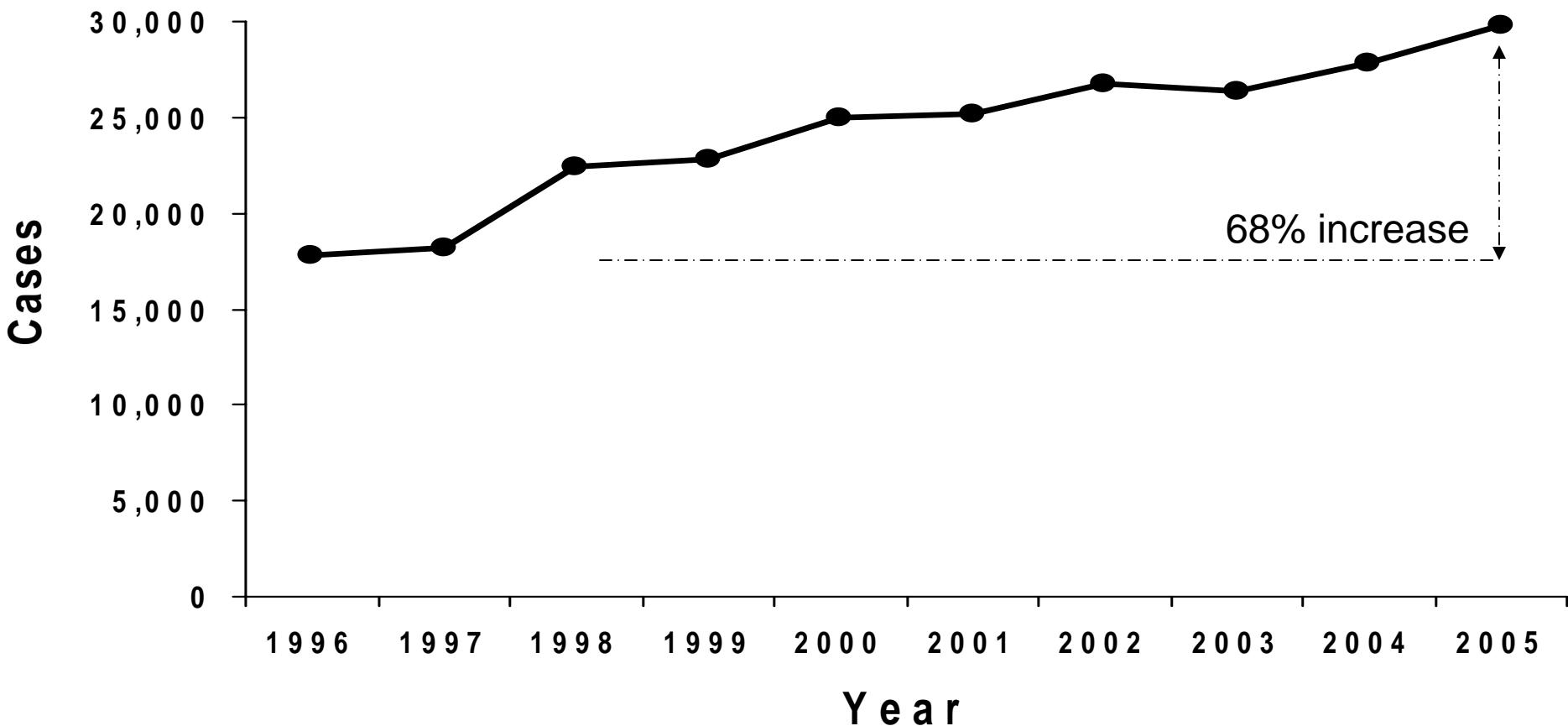
# Combined rate\* for chlamydia, gonorrhea and syphilis by state, 2003, CDC data



\* Cases per 100,000 population. Genital HSV infection is not reportable in all states.



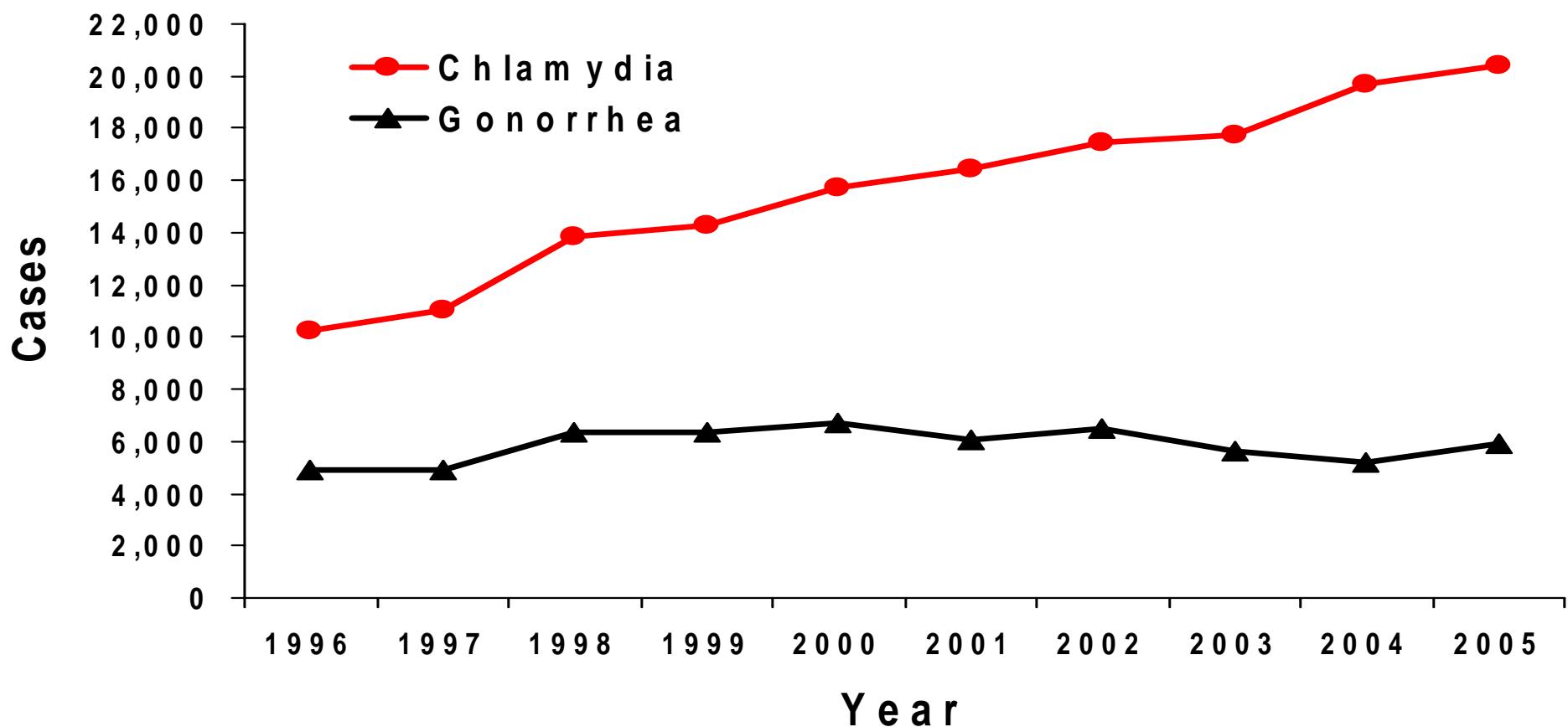
## Reported cases of STD\* by year of diagnosis, Wisconsin , 1996-2005



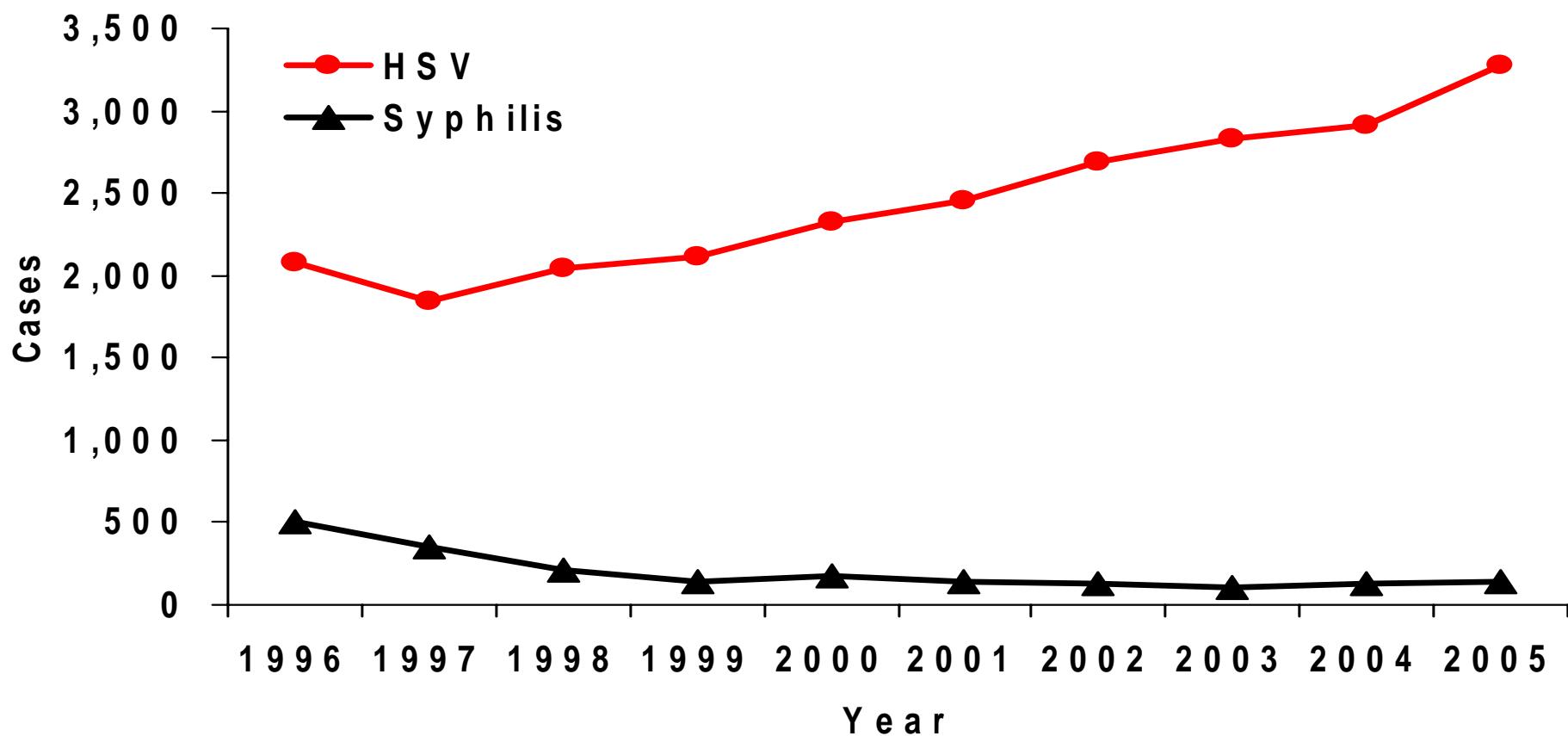
\* Chlamydia, gonorrhea, syphilis and genital HSV infection.

Wisconsin STD Control Section

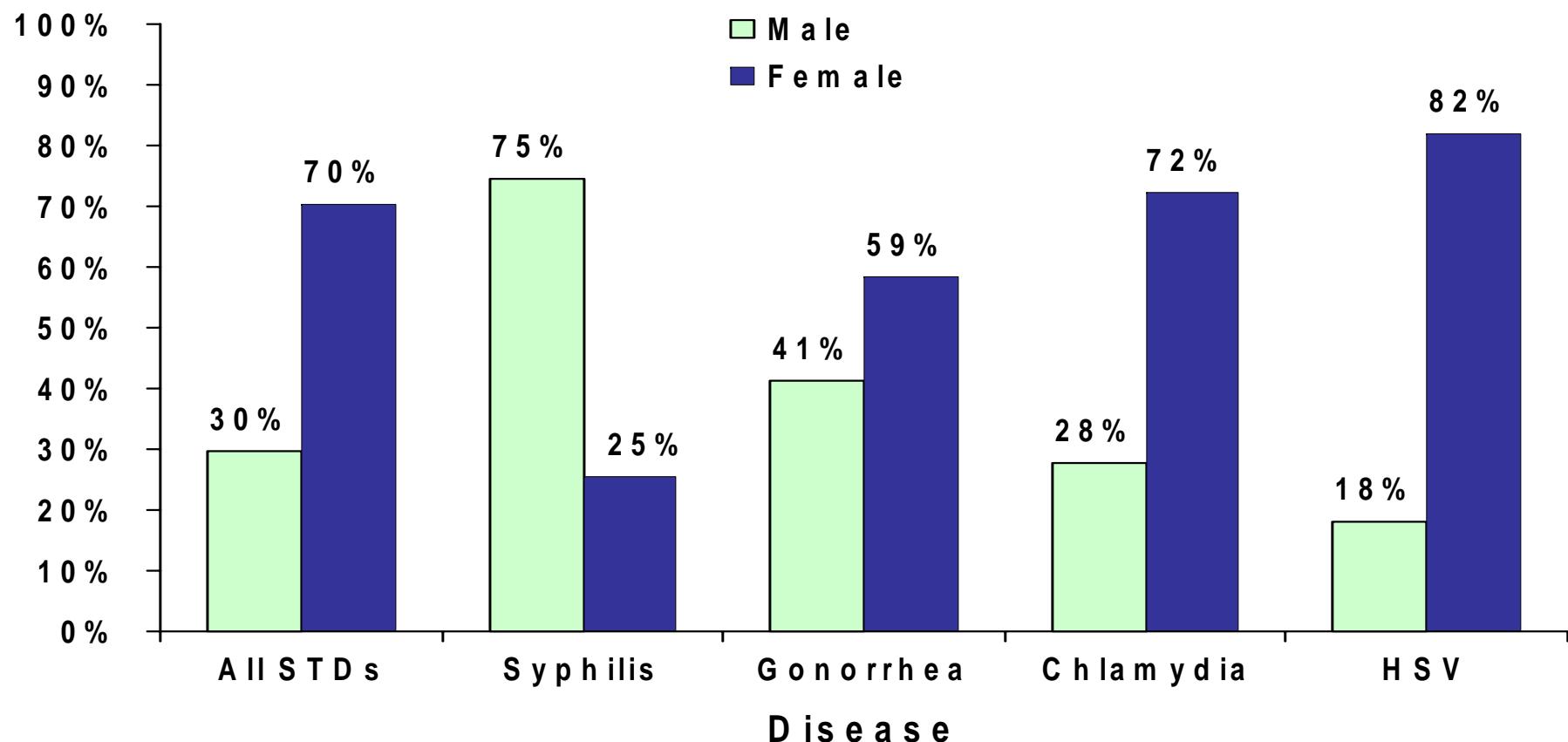
## **Reported cases of Chlamydia and Gonorrhea by year of diagnosis, Wisconsin, 1996-2005**



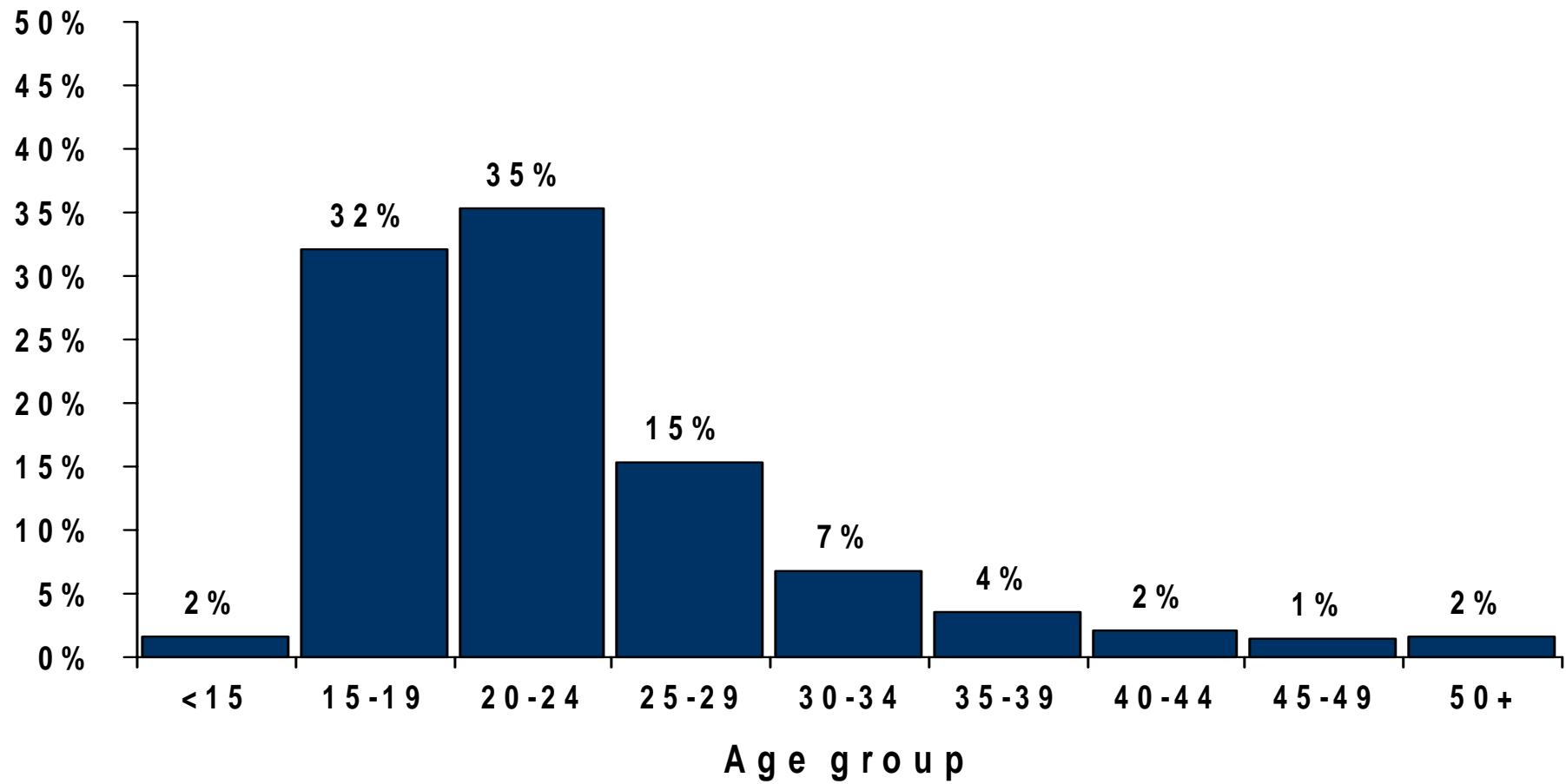
## Reported cases of STD by year of diagnosis and disease, Wisconsin, 1996-2005



# Male-female distribution of reported STD cases, by disease, Wisconsin, 2005



# Attributable percentage by age group, reportable STDs\* Wisconsin, 2005

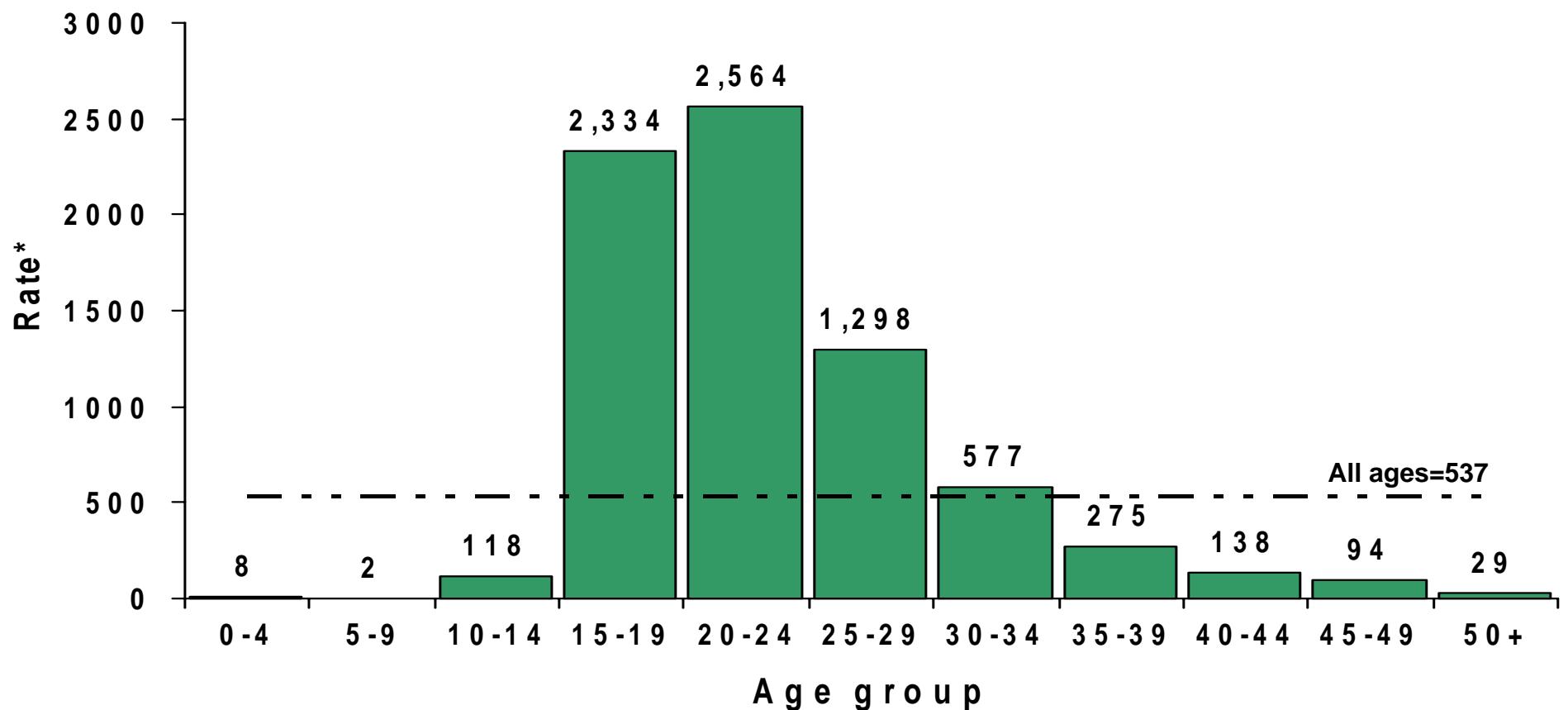


\* Chlamydia, gonorrhea, syphilis and genital HSV infection.



Wisconsin STD Control Section

# Age-specific STD rates\*, reportable STDs\*\* Wisconsin, 2005



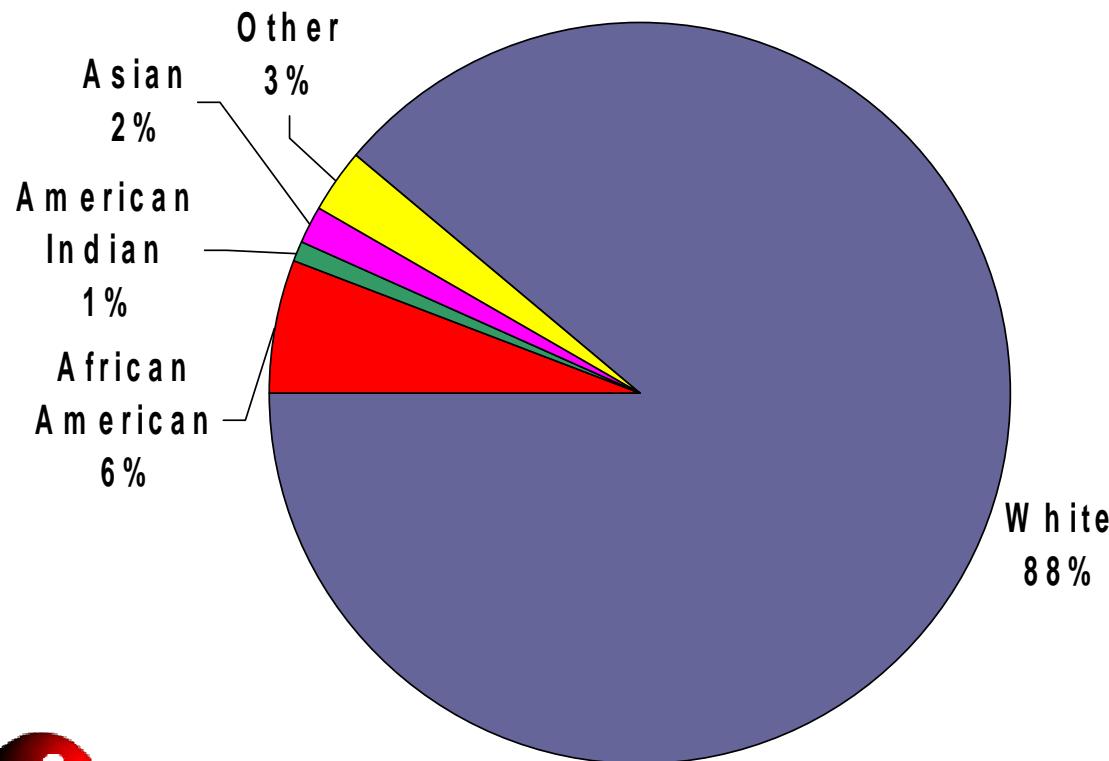
\* Cases per 100,000 population.

\*\* Chlamydia, gonorrhea, syphilis and genital HSV infection.



# Comparison of the racial distribution of reported STD morbidity\* with Wisconsin population

Wisconsin population  
2000



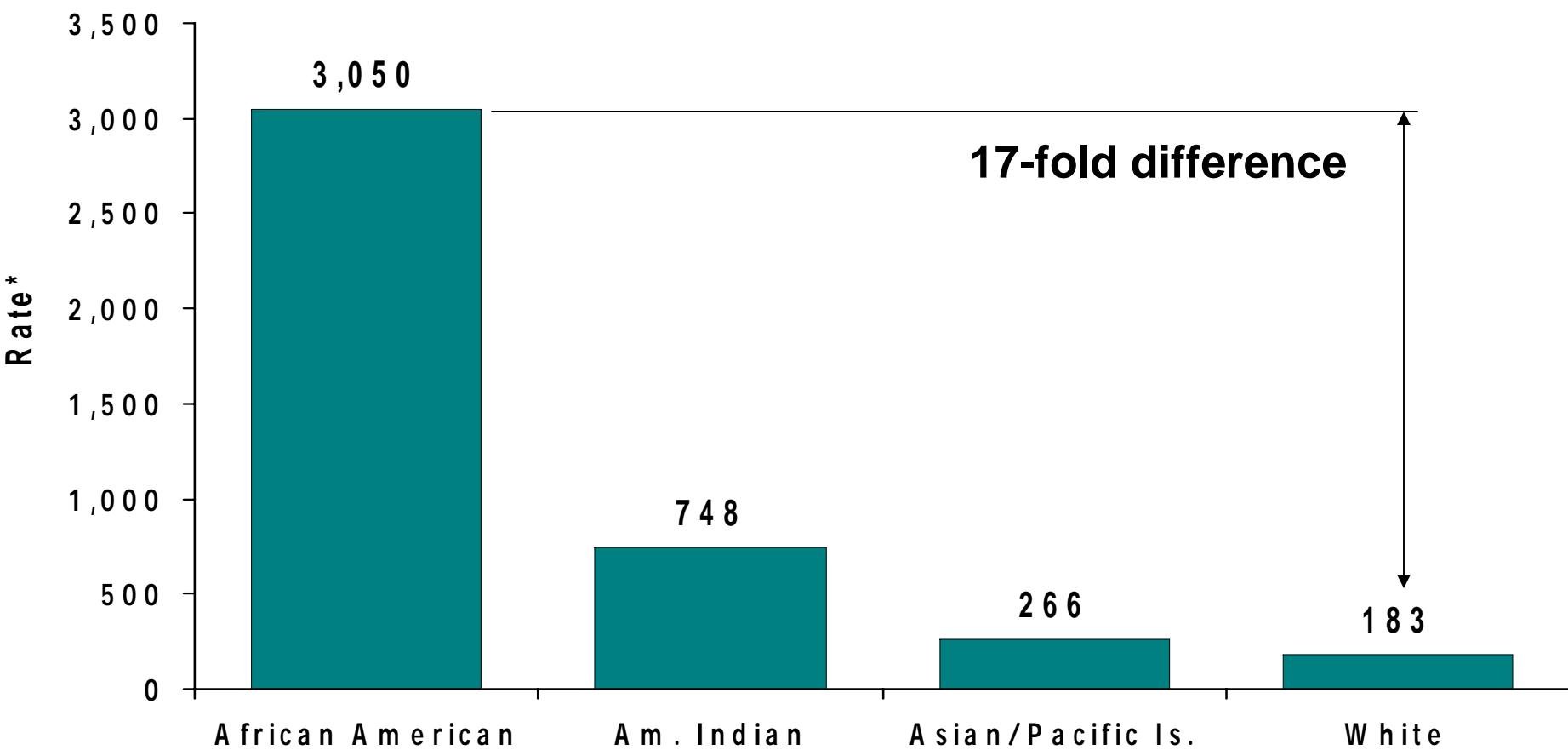
Reported STD cases\*,  
Wisconsin, 2005

Race	Cases	Percent
White	9,220	31%
African Am.	10,525	35%
Am. Indian	422	1%
Asian/Pac. Is.	304	1%
Other	484	2%
Unknown	8,786	30%
Total	29,770	100%

\* Chlamydia, gonorrhea, syphilis and genital HSV infection.



## **Reported STD case rates\*, by race, reportable STDs\*\*, Wisconsin, 2005**



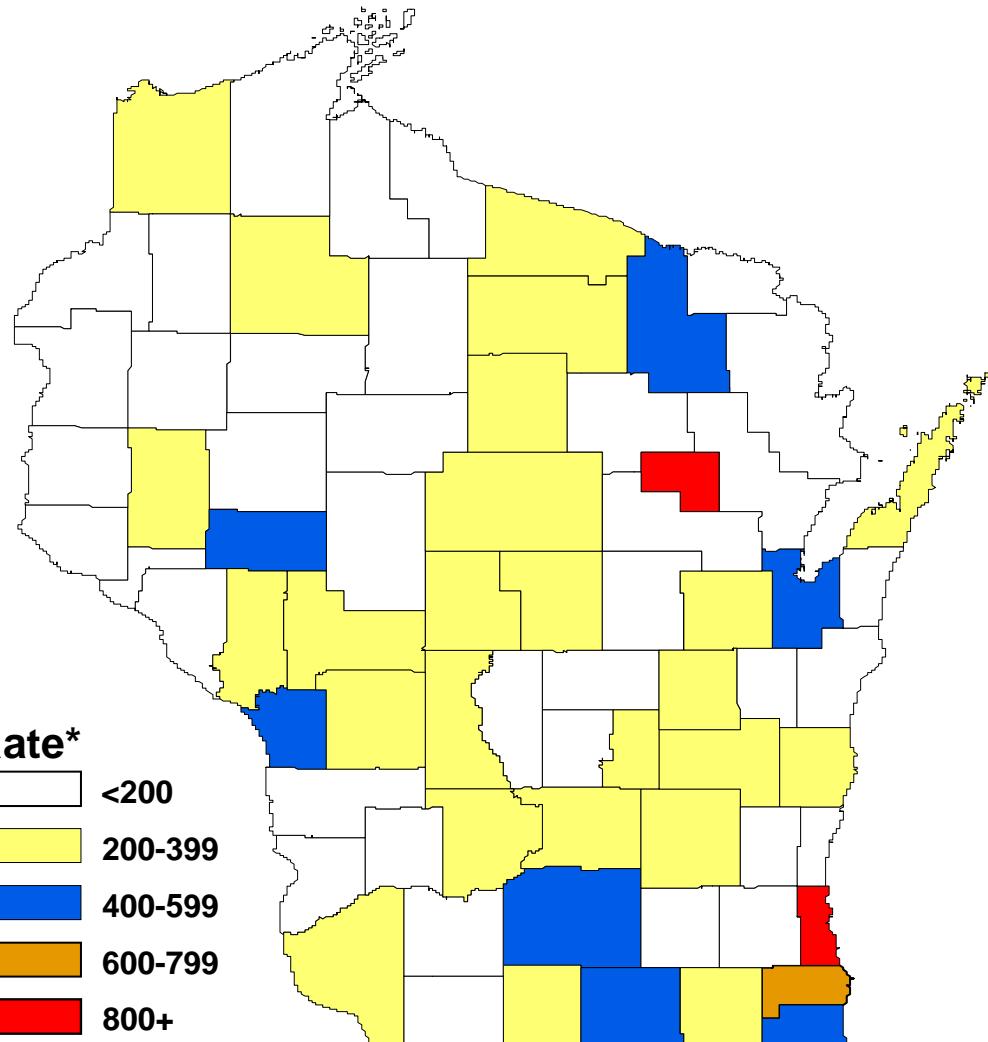
\* Cases reported with race specified per 100,000 population.

\*\*Chlamydia, gonorrhea, syphilis and genital HSV infection.

Wisconsin STD Control Section



# Reported STD case rates\*, by county, reportable STDs\*\*, Wisconsin, 2005



## Counties with rates\* >400

<u>County</u>	<u>Cases</u>	<u>Percent</u>	<u>Rate</u>
Milwaukee	14,979	50.4%	1,602
Menominee	70	0.2%	1,520
Racine	1,465	4.9%	759
Kenosha	827	2.8%	525
Dane	2,368	8.0%	522
Rock	788	2.7%	505
Brown	1,166	3.9%	489
La Crosse	513	1.7%	468
Forest	47	0.2%	464
<u>Eau Claire</u>	<u>442</u>	<u>1.5%</u>	<u>462</u>
<u>Subtotal</u>	<u>22,665</u>	<u>76.3%</u>	<u>963</u>
<u>Other counties</u>	<u>7,038</u>	<u>23.7%</u>	<u>221</u>
<b>State total***</b>	<b>29,703</b>	<b>100.0%</b>	<b>536</b>

\* Cases per 100,000 population.

\*\* Chlamydia, gonorrhea, syphilis and genital HSV infection.

\*\*\*Excludes 67 cases among out of state residents or without county specified.